

10039761.10110#)

Docket No. A-70224 Dorsey Docket No. 467802-00348

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor	:	WONG et al.			
Appln. No.	:	10/039,761			ı
Filed	:	19 Otober 2001	Group Art Unit	:	1623
Title	:	MODULATORS OF LEUKOCYTE ACTIVATION, COMPOSITIONS AND METHODS OF USE	Examiner	:	Not yet assigned

DECLARATION AND POWER OF ATTORNEY FOR UTILITY PATENT APPLICATION (37 C.F.R. § 1.63)

As a below named inventor, I hereby declare that my mailing address and citizenship are as stated below.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed and for which a patent is sought on the invention entitled:

MODULATORS OF LEUKOCYTE ACTIVATION, COMPOSITIONS AND METHODS OF USE
the specification of which:
is attached hereto OR
was filed on 19 October 2001as United States Application Number 10/039,761or PCT International Application Number and amended on (if applicable).
I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to above.
I acknowledge the duty to disclose information known to me that is material to patentability as defined in 37 C.F.R. 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.
PRIOR FOREIGN APPLICATION(S)
I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed.
Prior Foreign Country Foreign Filing Date Priority Not Certified Copy Attached? Application Number(s) (MM/DD/YYYY) Claimed Yes No

PRIOR PROVISIONAL APPLICATION(S)

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)
60/280,698 (Abandoned)	29 March 2001

POWER OF ATTORNEY

I hereby appoint the Dorsey & Whitney LLP attorneys and agents associated with <u>Customer Number 32940</u> to prosecute the patent application identified above and to transact all business in the Patent and Trademark Office connected therewith, including full power of association, substitution, and revocation.

PLEASE DIRECT ALL CORRESPONDENCE TO:

The address associated with Customer Number: 32940, currently:

Name	Robin M. Silva
Address	DORSEY & WHITNEY LLP Four Embarcadero Center Suite 3400 San Francisco, California 94111-4187
Telephone	(415) 781-1989
Fax	(415) 398-3249

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Sole or First Inventor	:			
Giver	n Name (First and	l middle)		Family Name or Surname
Brian			WONG	
Inventor's Signature	Brin	1 m		Date: 8 - 23 - 2002
Residence	Los Altos	California	94022	Citizenship: United States of America
	City	State	Zip	L
Post Office Address	38 Third Street	, #207, Los Altos, Calif	ornia 94022	

Second Inventor:						
Give	n Name (First and	middle)	F	amily Name or Surname		
C. Alan			FU			
Inventor's Signature	-			Date:		
Residence	Union City	California	94587	Citizenship: Peoples' Republic of China		
	City	State	Zip			
Post Office Address 5127 West Portway, Union City, Califo			ornia 94587			
Third Inventor:						
	n Name (First and	middle)	i i	Family Name or Surname		
Helena			MANCEBO			
Inventor's Signature				Date:		
Residence	San Bruno	California	94066	Citizenship: Peoples' Republic of China		
	City	State	Zip			
Post Office Address	4500 Susan Dri	ve, #305, San Bruno, C	California 94066	THE SECOND		
Fourth Inventor:						
	n Nama (First and	l middla)	Б	Family Name or Surname		
Given Name (First and middle)		i middle)	ZHOU	anniy Ivanie of Sumanie		
Xiulan X. Z.		0	Δ1100			
Inventor's Signature		Kenler	Shou	Date: 8/23/02		
Residence	Palo Alto	California	94303	Citizenship: Peoples' Republic of China		
:	City	State	Zip			
Post Office Address	765 San Anton	io Road Palo Alto Cal	ifornia 94303			

OCT 1 1 2002

Attorney Docket No.: A-70224/RMS/DHR Dorsey & Whitney Matter No.: 467802-00348

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As the below named inventor, I hereby declare that:

My residence, post office address and citizenship is as stated below next to my name;

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

MODULATORS OF LEUKOCYTE ACTIVATION, COMPOSITIONS

	JE/11-0110-01-1-		,			
	A	ND METHODS OF	USE			
the specification of	⊠ wa as	attached hereto. s filed on: Application No.: d was amended on:	19 October 200 10/039,761	11 (if applicable).		
I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56.						
365(b) of any fore international applic America. listed be	im foreign priority ign application(s) ation which desig	for patent or inventonated at least one of	5, United States Cor's certificate, or country other than any foreign applic	Code, § 119(a)-(d) or § § 365(a) of any PCT the United States of eation(s) for patent or priority is claimed:		
Country	Application Number	Foreign Filing Date	Priority Claimed	Certified Copy Attached		
			Yes No	Yes No No		

		Yes	No 🗌	Yes 🗌	No 🗌
		Yes 🗌	No 🗌	Yes	No 🗌
And I hereby appoint, both substitution and revocation, to prosect	jointly and severally	y, as my and to trans	attorneys sact all bus	with full p	oower of ie Patent

And I hereby appoint, both jointly and severally, as my attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith, the Dorsey & Whitney LLP attorneys and agents associated with <u>Customer Number 32940</u>.

SF-1092394_1

Dorsey & Whitney LLP
Intellectual Property Department
Four Embaracdero Center, Suite 3400
San Francisco, California 94111-4187
(415) 781-1989 (telephone); (415) 398-3249 (facsimile)

Attorney Docket No.: A-70224/RMS/DHR Dorsey & Whitney Matter No.: 467802-00348

Prior Provisional Application(s)

I hereby claim priority under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

60/280,698	29 March 2001	Abandanas
*	23 Mai Cii 200 i	Abandoned
	20 11141 011 200 1	

Prior United States Application(s)

I hereby claim priority under Title 35, United States Code, §120 of any United States application(s), or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application Number	Date of Filing (day, month, year)	Status - Patented, Pending, Abandoned
· · · · · · · · · · · · · · · · · · ·		

All correspondence and telephone communications should be addressed to Robin M. Silva, Esq. at the address corresponding to <u>Customer Number 32940</u> currently: Dorsey & Whitney LLP, Intellectual Property Department; Four Embarcadero Center, Suite 3400, San Francisco, California 94111-4187; telephone number (415) 781-1989; facsimile number (415) 398-3249.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. § 1001, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date _____

Attorney Docket No.: A-70224/RMS/DHR Dorsey & Whitney Matter No.: 467802-00348

Signature			Date	
Full Name of First Inventor:	WONG (Family Name)	Brian (First Given Name)		(Second Given Name)
Citizenship:	United States of America			
Residence:	38 Third Street, #207			
	Los Altos, California 94022			
Post Office Address:	Same as above			
Signature	My		Date	9/20
Full Name of				
Second Inventor:	FU (Family Name)	Chong (First Given Name)		Alan (Second Given Name)
Citizenship:	Peoples Republic of China			
Residence:	5127 Westport Way			
	Union City, California 94587			
Post Office Address:	Same as above			

Attorney Docket No.: A-70224/RMS/DHR Dorsey & Whitney Matter No.: 467802-00348

Signature			Date	
Full Name of Third Inventor:	MANCEBO (Family Name)	Helena (First Given Name)		(Second Given Name)
Citizenship:	United States of America			
Residence:	3901 Riverbend Terrace			
	Fremont, California 94555			
Post Office Address:	Same as above			
Signature			Date	
Full Name of Fourth Inventor:	ZHOU (Family Name)	Xiulan (First Given Name)		X. Z. (Second Given Name)
Citizenship:	Peoples Republic of China			
Residence:	765 San Antonio Road			
	Palo Alto, California 94303			,
Post Office Address:	Same as above			

OTPE OCT 11 2002

Attorney Docket No.: A-70224/RMS/DHR Dorsey & Whitney Matter No.: 467802-00348

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As the below named inventor, I hereby declare that:

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I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

MODULATORS OF LEUKOCYTE ACTIVATION, COMPOSITIONS

AND METHODS OF USE

the specification of which:	is attached hereto. was filed on: as Application No.: and was amended on:	19 October 2001 10/039,761	(if applicable).
the claims, as amended by a	understand the contents of the any amendment referred to abo to patentability as defined in 3	ove. I acknowledge the	

Prior Foreign Application(s)

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application(s) for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

 Application Number	Foreign Filing Date	Priority (Claimed	Certified Attac	
		Yes	No 🗌	Yes 🗌	No 🖂
		Yes 🗌	No 🗌	Yes 🗌	No 🗌
		Yes 🗌	No 🗌	Yes 🗌	No 🗌

And I hereby appoint, both jointly and severally, as my attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith, the Dorsey & Whitney LLP attorneys and agents associated with Customer Number 32940.

SF-1092394 1

Attorney Docket No.: A-70224/RMS/DHR Dorsey & Whitney Matter No.: 467802-00348

Prior Provisional Application(s)

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Application Number	Date of Filing	Status
60/280,698	29 March 2001	Abandoned

Prior United States Application(s)

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Attorney Docket No.: A-70224/RMS/DHR Dorsey & Whitney Matter No.: 467802-00348

Signature			Date	
Full Name of First Inventor:	WONG (Family Name)	Brian (First Given Name)		(Second Given Name)
Citizenship:	United States of America			
Residence:	38 Third Street, #207			
	Los Altos, California 94022			
Post Office Address:	Same as above			
Signature			Date	
Full Name of Second Inventor:	FU (Family Name)	Chong (First Given Name)		Alan (Second Given Name)
Citizenship:	Peoples Republic of China			
Residence:	5127 Westport Way			
	Union City, California 94587			
Post Office	Samo as abovo			

Date 9. 25. 02

Attorney Docket No.: A-70224/RMS/DHR Dorsey & Whitney Matter No.: 467802-00348

Signature

Full Name of Third Inventor:

MANCEBO

(Family Name)

Helena

(First Given Name)

(Second Given Name)

Citizenship:

United States of America

Residence:

3901 Riverbend Terrace

Fremont, California 94555

Post Office

Address:

Same as above

Signature

Full Name of Fourth Inventor:

ZHOU

(Family Name)

Xiulan

(First Given Name)

X. Z.

(Second Given Name)

Citizenship:

Peoples Republic of China

Residence:

765 San Antonio Road

Palo Alto, California 94303

Post Office

Address:

Same as above

POWER OF ATTORNEY BY ASSIGNEE

The undersigned assignee of the entire interest in application for letters patent entitled: MODULATORS OF LEUKOCYTE ACTIVATION, COMPOSITIONS AND METHODS OF USE, and having the named inventor(s), Brian WONG, Chong Alan FU, Helena MANCEBO and Xiulan X. Z. ZHOU, filed 19 October 2001, as Serial No. 10/039,761 hereby revokes all previous powers of attorney and appoints the following attorneys, the Dorsey & Whitney LLP attorneys and agents associated with Customer Number 32940, and James J. Diehl, Reg. No. 47,527 of RIGEL PHARMACEUTICALS, INC. to prosecute the patent application identified above and to transact all business in the Patent and Trademark Office connected therewith, including full power of association, substitution, and revocation, said appointment to be to the exclusion of the inventor(s) and his (their) attorney(s) in accordance with the provisions of 37 C.F.R. 1.32; provided that if any one of said attorneys ceases being affiliated with the law firm of DORSEY & WHITNEY LLP as partner, employee or of counsel, such attorney's appointment as attorney and all powers derived therefrom shall terminate on the date such attorney ceases being so affiliated.

In accordance with 37 CFR 3.73 the assignee hereby certifies that the evidentiary documents with respect to its ownership have been reviewed and that, to the best of assignee's knowledge and belief, title is in the assignee seeking to take this action.

Direct all telephone calls to Robin M. Silva at (415) 781-1989.

Address all correspondence to:

Robin M. Silva
DORSEY & WHITNEY LLP
Suite 3400, Four Embarcadero Center
San Francisco, California 94111-4187

Assignee

RIGEL PHARMACEUTICALS, INC.

Tames H

Sower

Name & Title

Chairman and 240 E. Grand Avenue

CEO

Address

South San Francisco, CA/94080

Date

10-03-02

Signature

File No.

A-70224/RMS/DHR

Dorsey No.

467802-00348



ASSIGNMENT

WHEREAS, the undersigned

- 1) Brian WONG, resident of Los Altos, county of Santa Clara, state of California
- 2) C. Alan FU, resident of Union City, county of Alameda, state of California
- 3) Helena MANCEBO, resident of San Bruno, county of San Mateo, state of California
- 4) Xiulan X. Z. ZHOU, resident of Palo Alto, county of Santa Clara, state of California

(hereinafter termed "Inventor(s)"), has invented certain new and useful improvements in

MODULATORS OF LEUKOCYTE ACTIVATION, COMPOSITIONS AND METHODS OF USE

for which an application for a United States Patent was filed on 19 October 2001 having Application Serial Number 10/039,761 and

WHEREAS,

RIGEL PHARMACEUTICALS, INC., a corporation of the State of Delaware, having a place of business at 240 East Grand Avenue, South San Francisco, California 94080 (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:

- I. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.
- 2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon,

including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

- 3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.
- 4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Inventors have executed and delivered this instrument to said Assignee as of the dates below written adjacent to each of their respective signatures.

Signature of Inv	ventor: From R Way
	Brian WONG
,	Date: 8 - 23 - 2002 ,2002
Am mater	
Sun Mater County of Santa Clara)
•) ss.
State of California)
personally appeared Brian WONG, of satisfactory evidence) to be the p instrument, and acknowledged that	day of
WITNESS my hand and office Signature Notice Can	REBECCA CAZARES

Signature	of inventor :	
	C. A	Alan FU
	Date :	, 2002
County of Alameda)) ss.	
State of California	,)	
On this	day of Notary Public of t	In the year 2002, before me, the State of,
personally appeared <u>C. Alan Fl</u> satisfactory evidence) to be the instrument, and acknowledged	J, personally know e person whose na that he/she exect er signature on the	own to me (or proved to me on the basis of name is subscribed to the within cuted the same in his/her authorized he instrument the person, or the entity
WITNESS my hand and	l official seal.	
Signature		(Seal)

☐ COPY

Signature	of Inventor :	· · · · · · · · · · · · · · · · · · ·
	Hel	elena MANCEBO
	Date :	, 2002
County of San Mateo) \) ss.	
State of California)	
On this	day of Notary Public of	In the year 2002, before me, f the State of,
personally appeared <u>Helena MA</u> the basis of satisfactory evidence within instrument, and acknow	ANCEBO, perso e) to be the person ledged that he/sharsignature on the	onally known to me (or proved to me on rson whose name is subscribed to the the executed the same in his/her authorized the instrument the person, or the entity
WITNESS my hand and	official seal.	
Signature		(Seal)

Signature of	COPY	Kirling	Shou
		ulan X. Z. Zhou le Of INVENTOR)	
San Matic	Date :	8/23	, 2002
County of Santa Clara State of California)) ss.)		
On this August 23, 200 personally appeared Xiulan X. Z. the basis of satisfactory evidence within instrument, and acknowled capacity (i.e.s.), and that by his/her supon behalf of which the person	ZHOU, persona to be the personal dged that he/she signature on the	ally known to me for proved to whose name is subscribed to executed the same in his/her instrument the person, or the	to me on to the authorized

WITNESS my hand and official seal.

REBECCA CAZARES

COMM # 1250353

MOTARY PUBLIC - CALIFORNIA BY
SAN MATEO COUNTY
My Comm Exp Jan. 17, 2004

(Seal)



ASSIGNMENT

WHEREAS, the undersigned

- 1) Brian WONG, resident of Los Altos, county of Santa Clara, state of California
- 2) Chong Alan FU, resident of Union City, county of Alameda, state of California
- 3) Helena MANCEBO, resident of Fremont, county of Alameda, state of California
- 4) Xiulan X. Z. ZHOU, resident of Palo Alto, county of Santa Clara, state of California

(hereinafter termed "Inventor(s)"), has invented certain new and useful improvements in

MODULATORS OF LEUKOCYTE ACTIVATION, COMPOSITIONS AND METHODS OF USE

for which an application for a United States Patent was filed on 19 October 2001 having Application Serial Number 10/039,761 and

WHEREAS, RIGEL PHARMACEUTICALS, INC., a corporation of the State of Delaware, having a place of business at 240 East Grand Avenue, South San Francisco, California 94080 (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:

- I. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.
- 2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public



use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

- 3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.
- 4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Inventors have executed and delivered this instrument to said Assignee as of the dates below written adjacent to each of their respective signatures.

Signature of Inv	entor :			
		Brian WONG		
		Brian WONG		
	Date :			_, 2002
County of Santa Clara)	·		
State of California) ss.)			
On this	day.c	.f	In the year 2002, before a	me
, Nota	ry Publ	lic of the State o	f	
personally appeared <u>Brian WONG</u> , of satisfactory evidence) to be the prinstrument, and acknowledged that capacity(ies), and that by his/her sign	person erson v he/she nature (ally known to me whose name is su executed the sa on the instrumer	e (or proved to me on the abscribed to the within me in his/her authorized at the person, or the entity	
upon behalf of which the person act	ed, exe	ecuted the instru	ment.	
WITNESS my hand and office	ial seal.			·
Signature		_		(Soal)

Signature of Inv		ong Alah FU	
County of Alameda State of California	Date :)) ss.)	9/20	, 2002
On this, Nota personally appeared Chong Alan FU basis of satisfactory evidence) to be instrument, and acknowledged that capacity(ies), and that by his/her sign upon behalf of which the person act.	, personally the person he/she exe nature on t	y known to me (or phoved to me whose name is subscribed to the cuted the same in his/ her authori he instrument the person, or the	on the e within zed
WITNESS my hand and offici		RESECTION CARES RESECT	HILLIE FRS
		REBECCA CAZARES COMM # 1250353 NOTARY PUBLIC - CALIFORN SAN MATEO COUNTY My Comm Exp. Jan. 17, 200	S IA 4

Signature	e of Inventor :	
	Helena i	MANCEBO
	Date :	, 2002
County of Alameda)) ss.	·
State of California)	
On this	day of Notary Public of the S	In the year 2002, before me, State of,
personally appeared Helena M the basis of satisfactory eviden within instrument, and acknow	IANCEBO, personally loce) to be the person would be the person would be that he/she extended that he/she extended the instance on the instance of the instance on the instance on the instance of the instance on the instance of the instance on the instance of the instance	known to me (or proved to me on whose name is subscribed to the kecuted the same in his/her authorized strument the person, or the entity
WITNESS my hand and	d official seal.	
Signature		(Seal)

Signature o	of inventor :	
	Xiulan X	K. Z. ZHOU
	Date :	, 2002
County of Santa Clara)) ss.	
State of California	,)	
On this	day of	In the year 2002, before me, State of
personally appeared Xiulan X. Zithe basis of satisfactory evidence within instrument, and acknowledges.	Z. ZHOU, personally e) to be the person we deduced that he/she expression the inserting the insertin	known to me (or proved to me on whose name is subscribed to the secuted the same in his/her authorized strument the person, or the entity
WITNESS my hand and	official seal.	
Signature		(Seal)



ASSIGNMENT

WHEREAS, the undersigned

- 1) Brian WONG, resident of Los Altos, county of Santa Clara, state of California
- 2) Chong Alan FU, resident of Union City, county of Alameda, state of California
- 3) Helena MANCEBO, resident of Fremont, county of Alameda, state of California
- 4) Xiulan X. Z. ZHOU, resident of Palo Alto, county of Santa Clara, state of California

(hereinafter termed "Inventor(s)"), has invented certain new and useful improvements in

MODULATORS OF LEUKOCYTE ACTIVATION, COMPOSITIONS AND METHODS OF USE

for which an application for a United States Patent was filed on 19 October 2001 having Application Serial Number 10/039,761 and

WHEREAS, RIGEL PHARMACEUTICALS, INC., a corporation of the State of Delaware, having a place of business at 240 East Grand Avenue, South San Francisco, California 94080 (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:

- I. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.
- 2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public



use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

- 3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.
- 4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Inventors have executed and delivered this instrument to said Assignee as of the dates below written adjacent to each of their respective signatures.

Signature of In	ventor :		-
		Brian WONG	
	Date :	, 2002	2
County of Santa Clara)) ss.		
State of California)		
On thisNot	day c	of In the year 2002, before me, blic of the State of	
personally appeared <u>Brian WONG</u> , of satisfactory evidence) to be the pinstrument, and acknowledged that	person person v he/she nature	nally known to me (or proved to me on the basis whose name is subscribed to the within executed the same in his/her authorized on the instrument the person, or the entity	
WITNESS my hand and office	cial seal.	l.	
Signature		(Seal)	



Signatur	e of Inventor :			
		Chong Alan I	FU	
	Date :			, 2002
County of Alameda)) ss.			
State of California)			
On this	day o , Notary Publ	f ic of the Stat	In the year 20 se of	002, before me,
personally appeared Chong A basis of satisfactory evidence) instrument, and acknowledge capacity(ies), and that by his/li upon behalf of which the personal capacity.	to be the pered that he/she ner signature o	rson whose n executed the on the instrur	name is subscribed e same in his/her a ment the person, o	to the within uthorized
WITNESS my hand ar	nd official seal.			
Signature		·		(Seal)

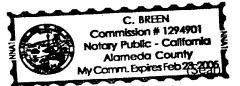


Helena MANCEBO

	Date :	9 - 26	, 2002
County of Alameda)		
) ss.		
State of California)		Y
On this 26th	day of <u>Se</u>	p t In the year	ar 2002, before me,
On this <u>26th</u> C. Breen	, Notary Public of t	the State of <u>Call</u>	fornia.
personally appeared Helena	a MANCEBO, person	ally known to me (o	r proved to me on
the basis of satisfactory evid	dence) to be the perso	on whose name is su	ıbscribed to the
within instrument, and ackr			
capacity(ies), and that by hi			
upon behalf of which the pe	-		•

WITNESS my hand and official seal.

Signature Cbuen



Signature	of Inventor :		
		Xiulan X. Z. ZHOU	
	Date :	, 200	02
County of Santa Clara)) ss.		
State of California)		
On this,	day o	of In the year 2002, before me, blic of the State of	
personally appeared Xiulan X. the basis of satisfactory evidence within instrument, and acknow	Z. ZHOU, posterior posterior zero. The contract	personally known to me (or proved to me on e person whose name is subscribed to the he/she executed the same in his/her authorized on the instrument the person, or the entity	
WITNESS my hand and	l official seal	l .	
Signature	<u></u>	(Sea	I.V